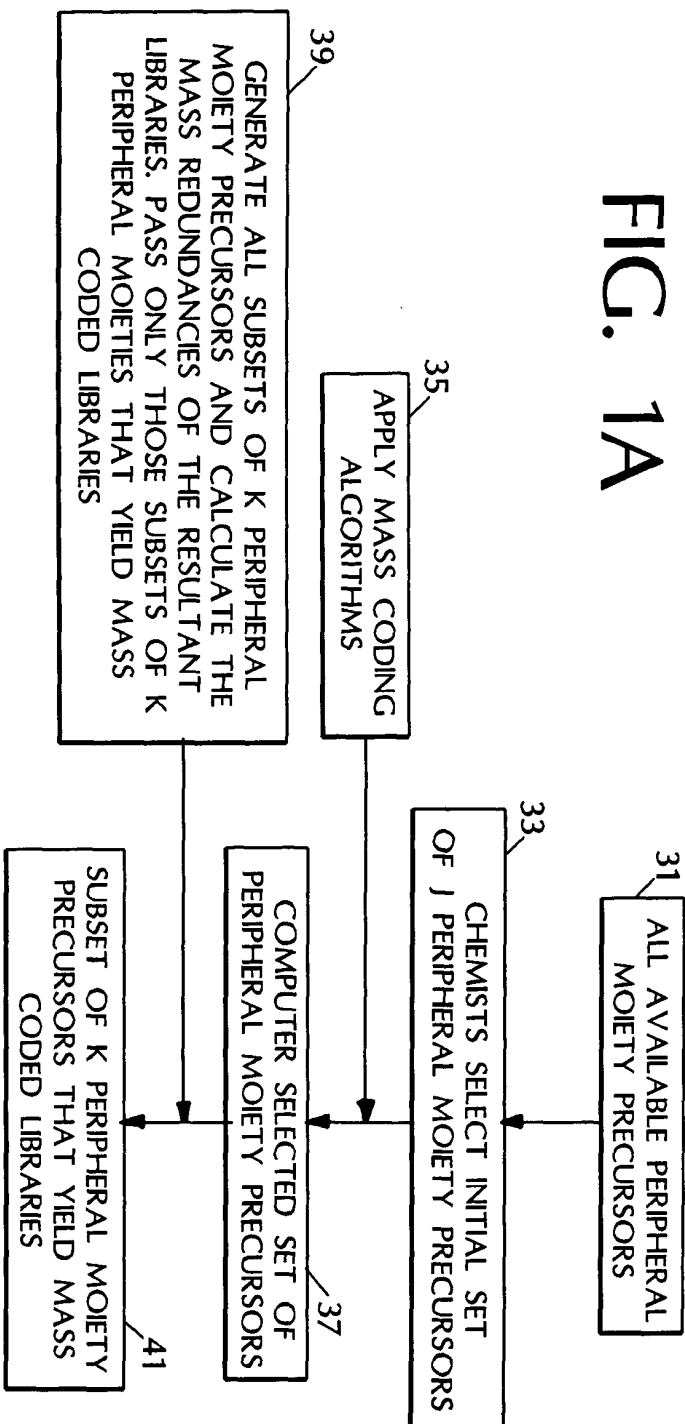


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 DISCOVERY AND TARGET VALIDATION

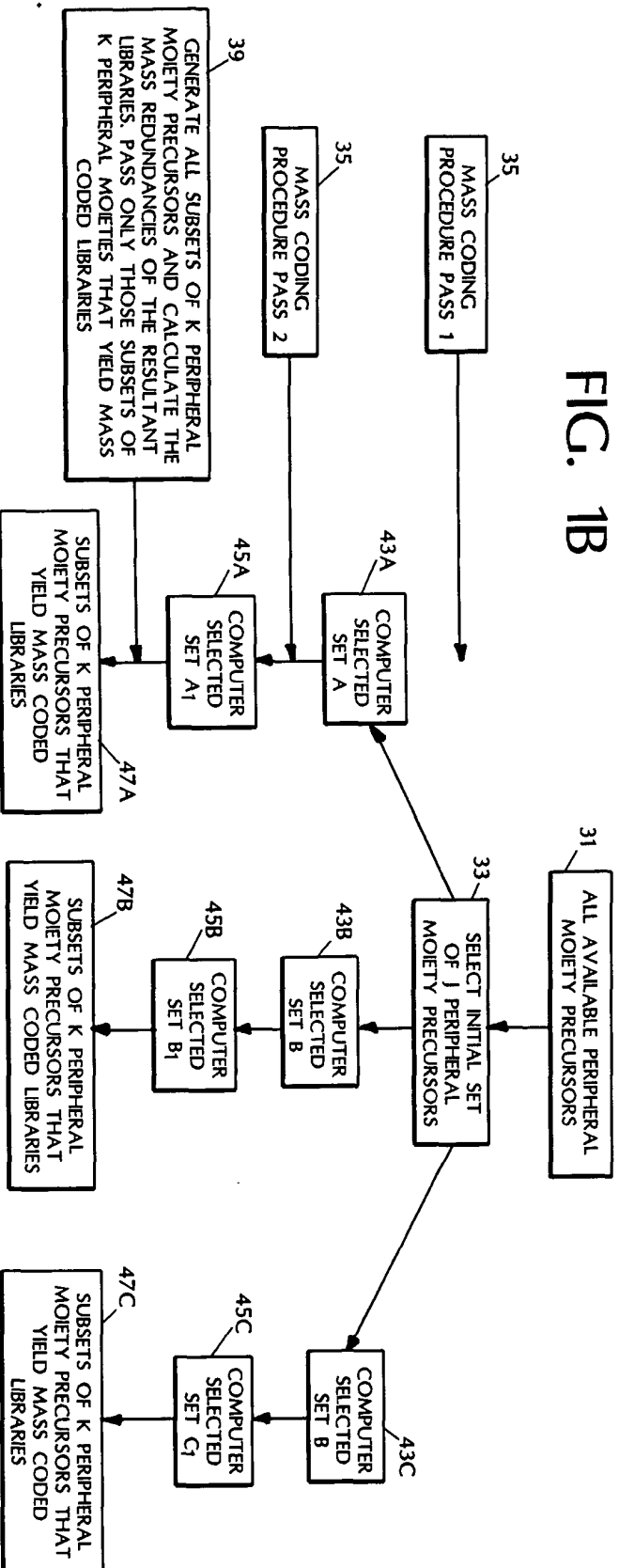
MASS CODING FLOWCHART

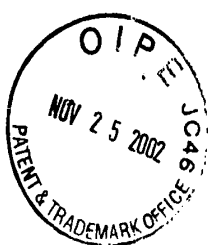
FIG. 1A



ALTERNATE METHOD FOR MASS CODING

FIG. 1B





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% MASS REDUNDANCY OF LIBRARIES
FROM A COMPUTER SELECTED SET OF
PERIPHERAL MOIETY PRECURSORS

Library Mass Redundancy	Number of Libraries	Percentage of Set
<3%	24	1.32
<5%	234	12.86
<10%	972	53.41

Average Mass Redundancy	11.47 Percent
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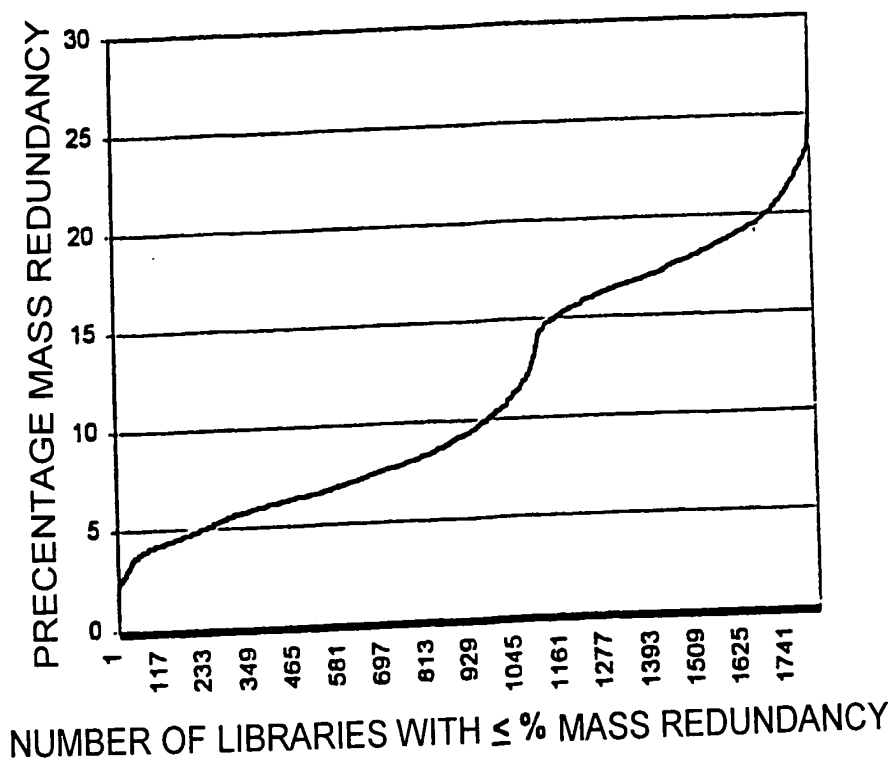
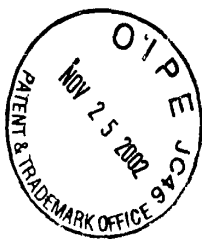


FIG. 2A



% MASS REDUNDANCY OF LIBRARIES
FROM A RANDOMLY CHOSEN SET OF
PERIPHERAL MOIETY PRECURSORS

Library Mass Redundancy	Number of Libraries	Percentage of Set
<3%	0	0.00
<5%	0	0.00
<10%	0	0.00

Average Mass Redundancy	60.69 Percent
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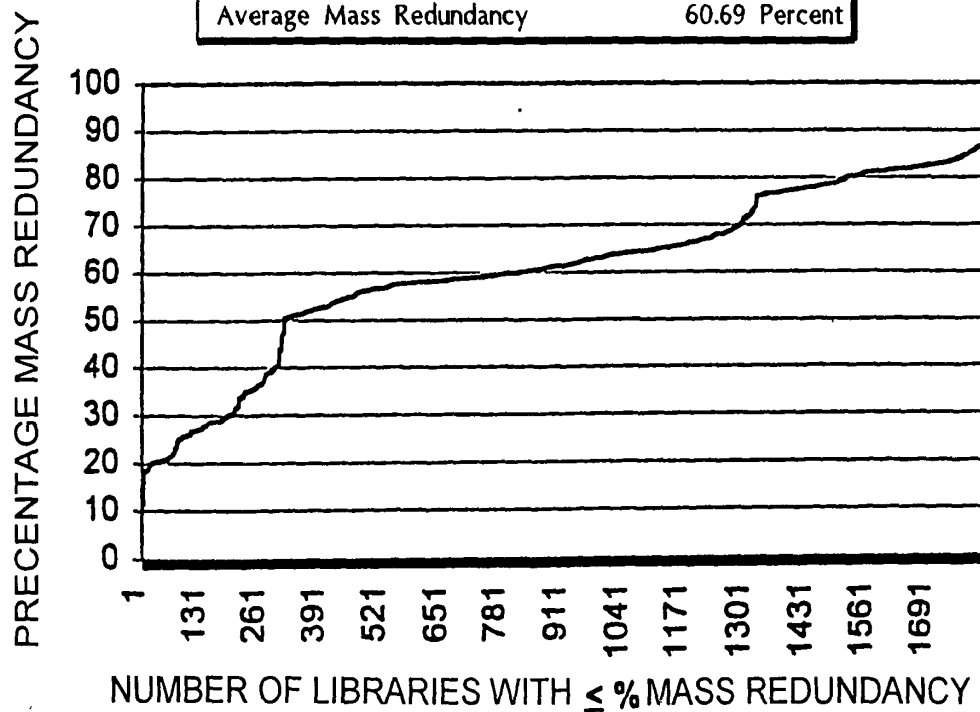


FIG. 2B

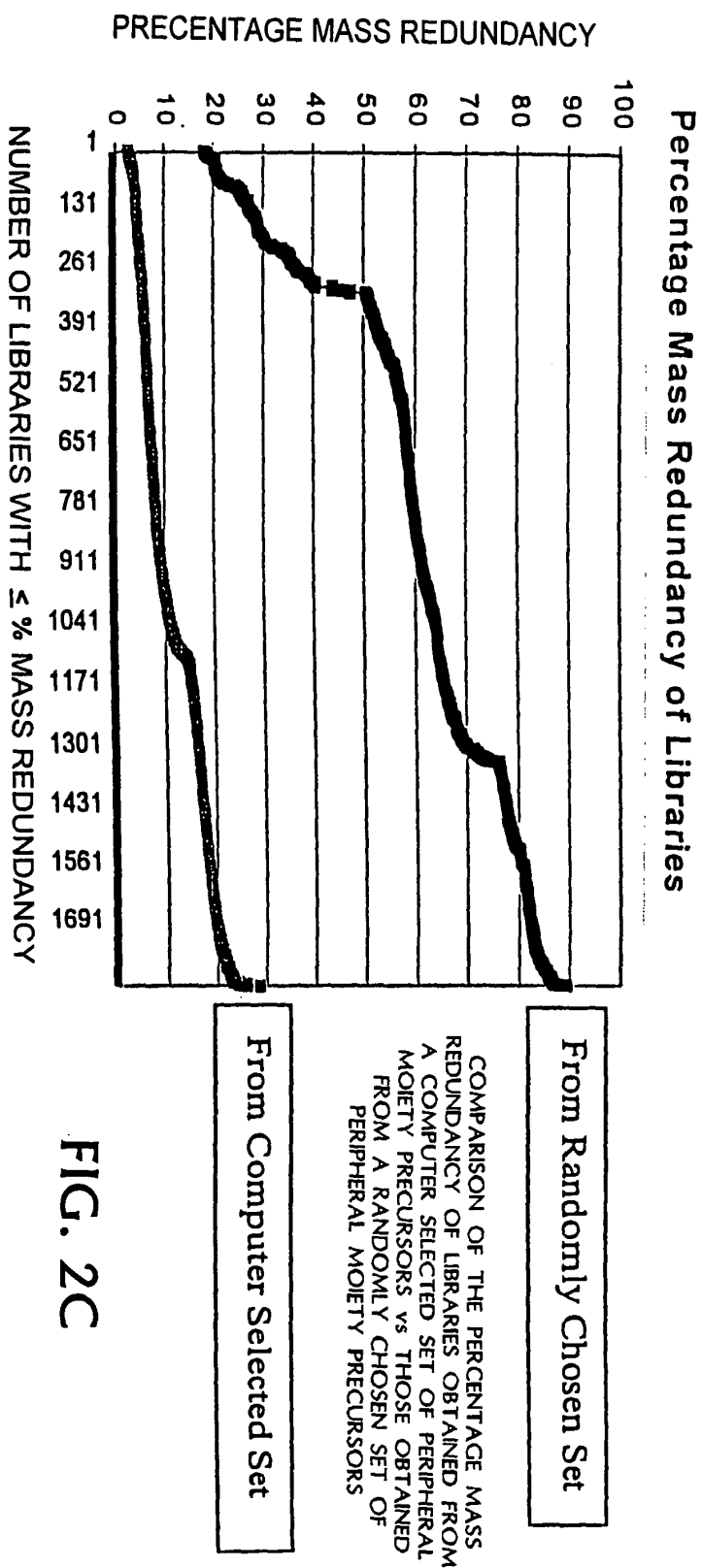
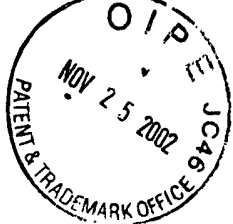


FIG. 2C





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METHOD FOR PRODUCING AND SCREENING MASS-CODED COMBINATORIAL LIBRARIES FOR DRUG DISCOVERY AND TARGET VALIDATION

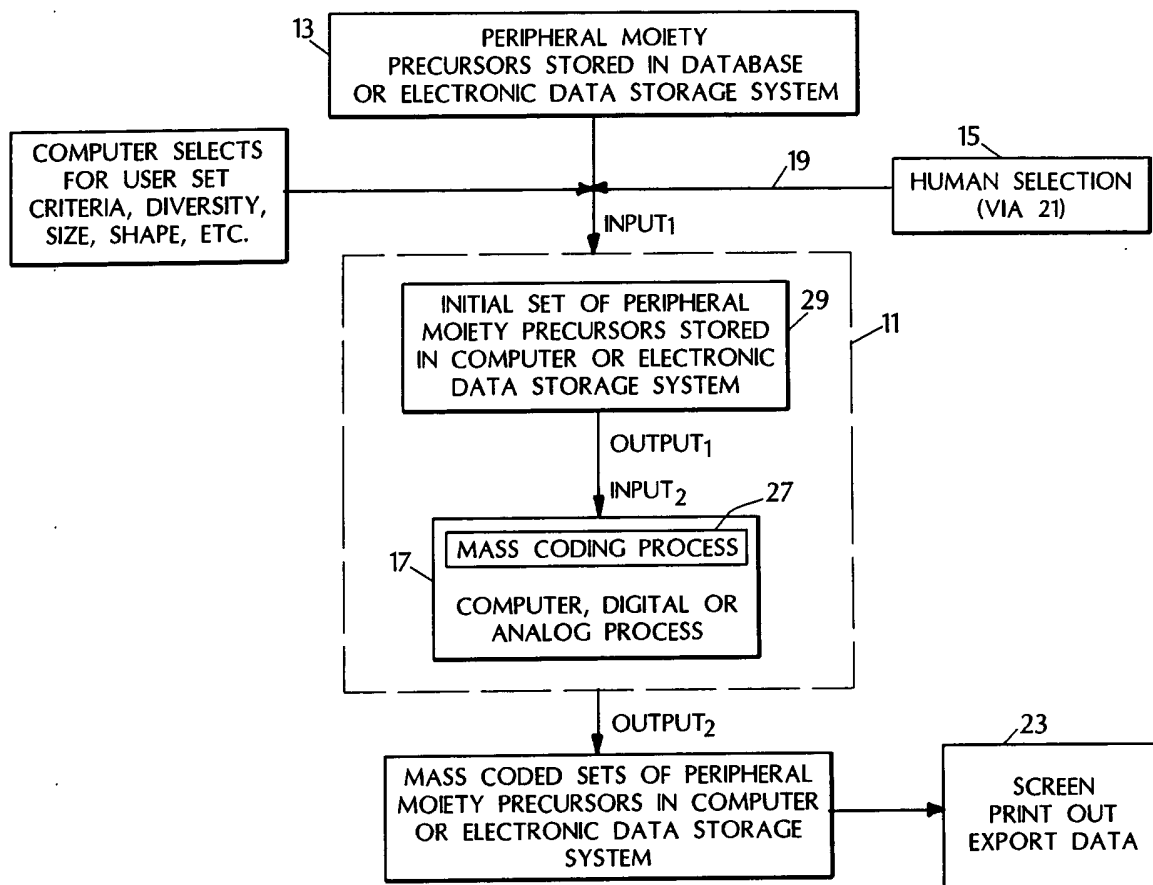
SYSTEM FLOW FOR
MASS CODING PROCESS

FIG. 3